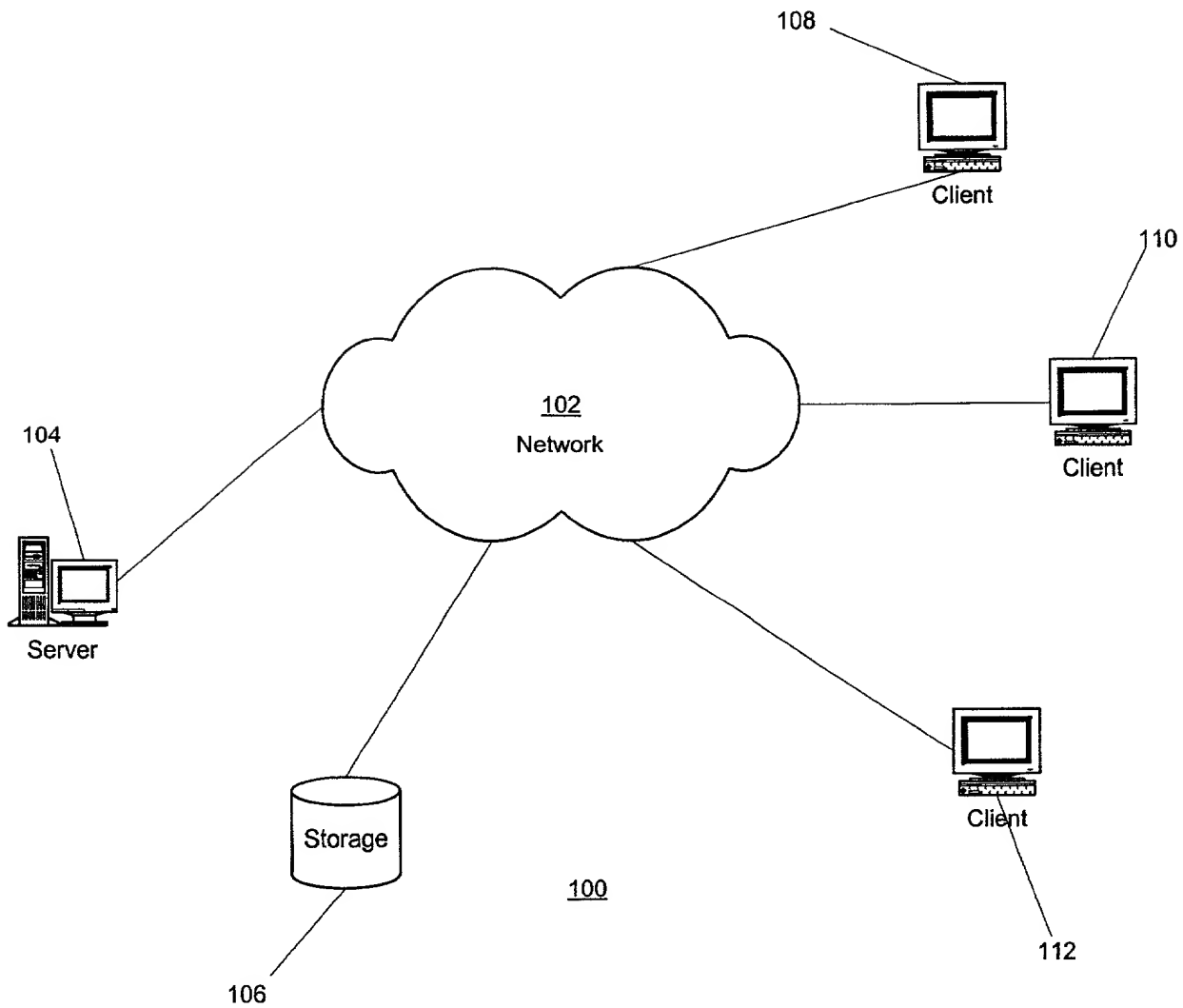


Figure 1

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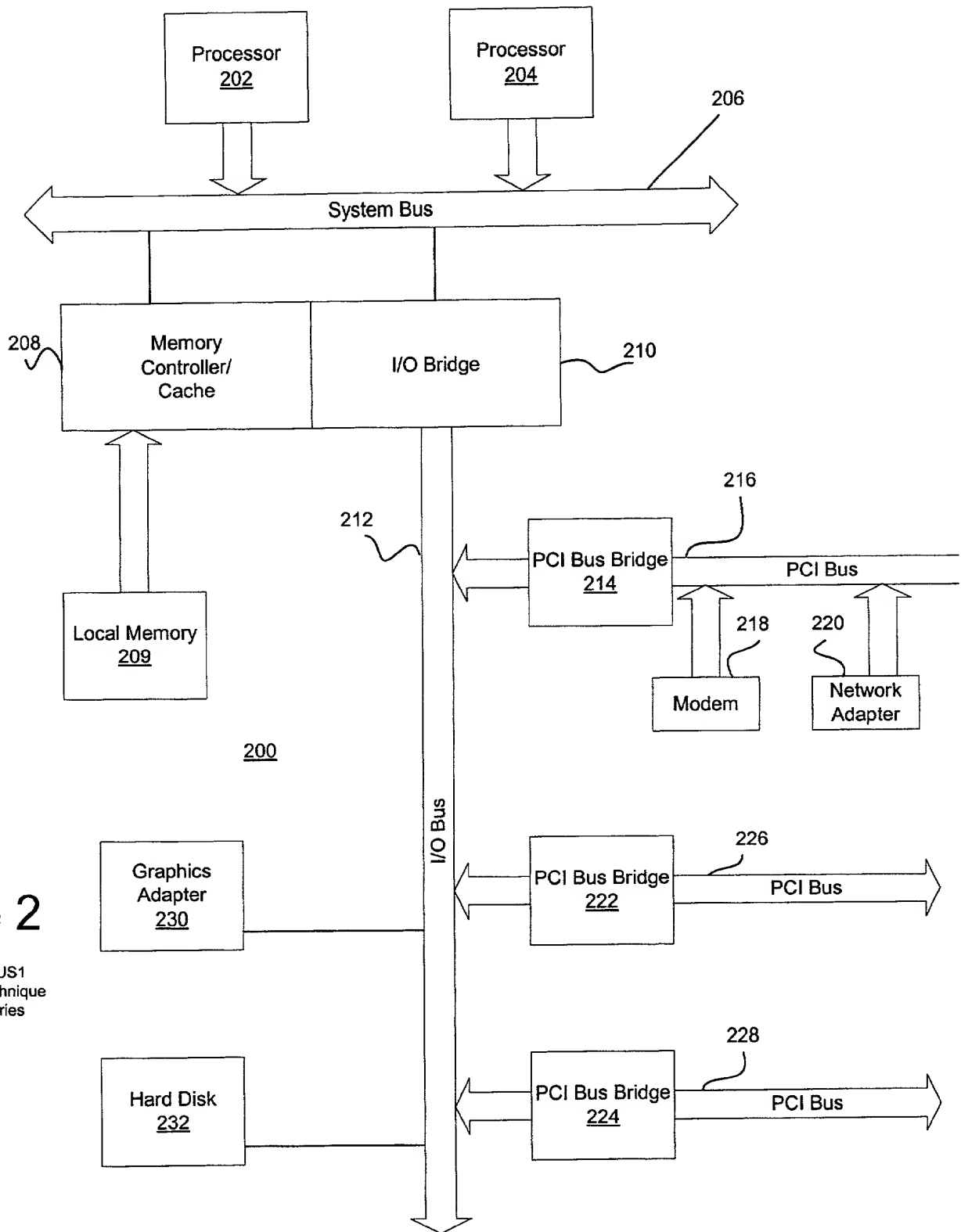


Figure 2

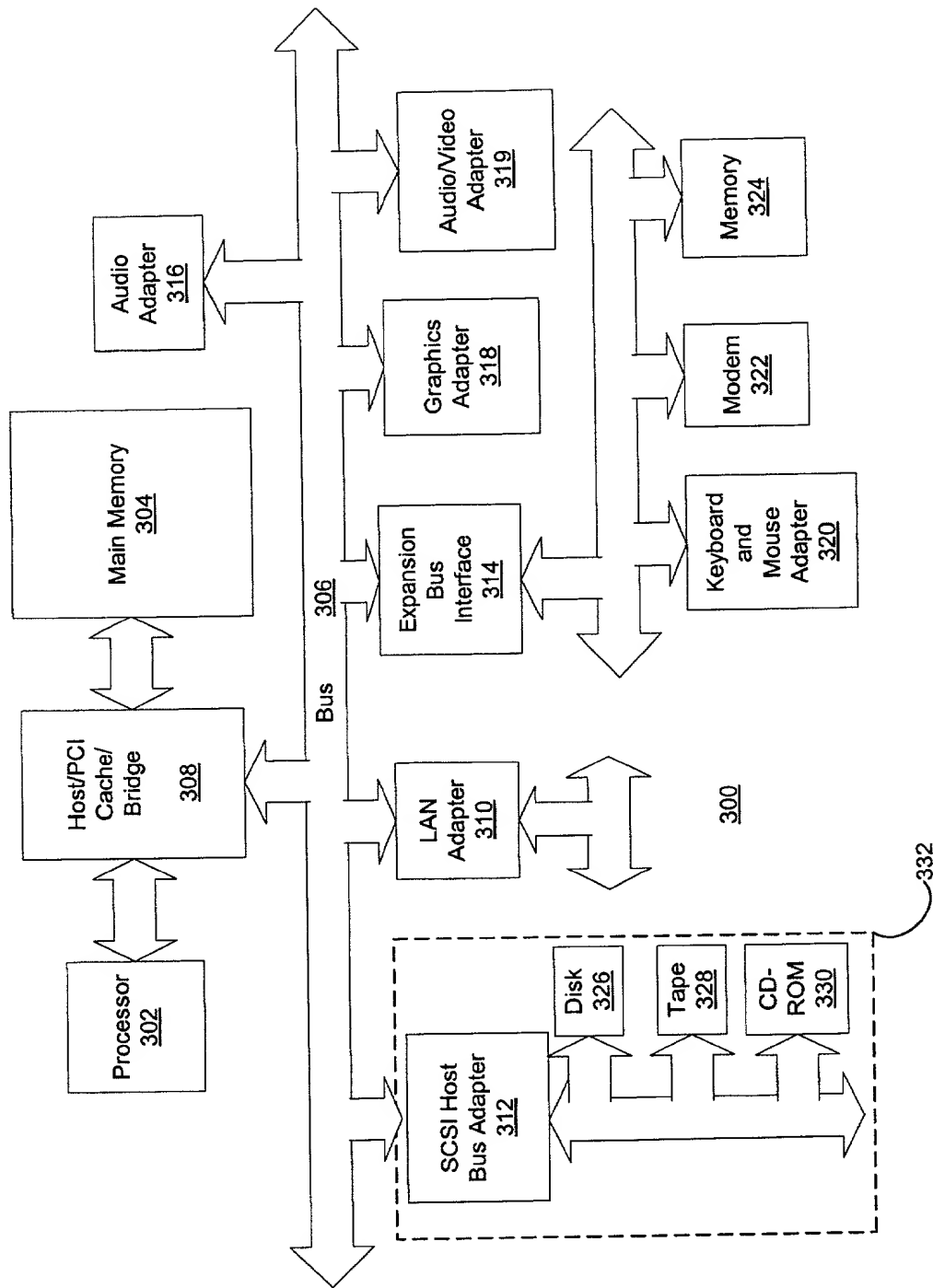


Figure 3

Parameter	Value	Unit
Initial concentration	1.0	g/L
Initial pH	7.0	
Temperature	25	°C
Time	0-120	min
Agitation speed	150	rpm
Batch size	100	mL
Adsorbent dose	0.1-1.0	g/L
Adsorbent type	Activated carbon	
Adsorbent surface area	1000	m ² /g
Adsorbent pore volume	0.5	cm ³ /g
Adsorbent density	1.5	g/cm ³
Adsorbent particle size	0.25-0.5	mm
Adsorbent batch	1	
Adsorbent source	Commercial	
Adsorbent treatment	None	
Adsorbent storage	Room temperature	
Adsorbent handling	Standard	
Adsorbent disposal	Standard	
Adsorbent regeneration	Standard	
Adsorbent reuse	Standard	
Adsorbent cost	1.0	\$/g
Adsorbent availability	High	
Adsorbent stability	High	
Adsorbent toxicity	Low	
Adsorbent biodegradability	Low	
Adsorbent flammability	Low	
Adsorbent corrosivity	Low	
Adsorbent reactivity	Low	
Adsorbent compatibility	High	
Adsorbent safety	High	
Adsorbent quality	High	
Adsorbent quantity	High	
Adsorbent quality control	High	
Adsorbent quantity control	High	
Adsorbent quality assurance	High	
Adsorbent quantity assurance	High	
Adsorbent quality management	High	
Adsorbent quantity management	High	
Adsorbent quality improvement	High	
Adsorbent quantity improvement	High	
Adsorbent quality optimization	High	
Adsorbent quantity optimization	High	
Adsorbent quality enhancement	High	
Adsorbent quantity enhancement	High	
Adsorbent quality maintenance	High	
Adsorbent quantity maintenance	High	
Adsorbent quality protection	High	
Adsorbent quantity protection	High	
Adsorbent quality preservation	High	
Adsorbent quantity preservation	High	
Adsorbent quality restoration	High	
Adsorbent quantity restoration	High	
Adsorbent quality recovery	High	
Adsorbent quantity recovery	High	
Adsorbent quality return	High	
Adsorbent quantity return	High	
Adsorbent quality release	High	
Adsorbent quantity release	High	
Adsorbent quality transfer	High	
Adsorbent quantity transfer	High	
Adsorbent quality exchange	High	
Adsorbent quantity exchange	High	
Adsorbent quality swap	High	
Adsorbent quantity swap	High	
Adsorbent quality trade	High	
Adsorbent quantity trade	High	
Adsorbent quality deal	High	
Adsorbent quantity deal	High	
Adsorbent quality transaction	High	
Adsorbent quantity transaction	High	
Adsorbent quality operation	High	
Adsorbent quantity operation	High	
Adsorbent quality action	High	
Adsorbent quantity action	High	
Adsorbent quality behavior	High	
Adsorbent quantity behavior	High	
Adsorbent quality performance	High	
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Adsorbent quality effect	High	
Adsorbent quantity effect	High	
Adsorbent quality impact	High	
Adsorbent quantity impact	High	
Adsorbent quality influence	High	
Adsorbent quantity influence	High	
Adsorbent quality effectuation	High	
Adsorbent quantity effectuation	High	
Adsorbent quality causation	High	
Adsorbent quantity causation	High	
Adsorbent quality determination	High	
Adsorbent quantity determination	High	
Adsorbent quality decision	High	
Adsorbent quantity decision	High	
Adsorbent quality judgment	High	
Adsorbent quantity judgment	High	
Adsorbent quality conclusion	High	
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Adsorbent quality finding	High	
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Adsorbent quality discovery	High	
Adsorbent quantity discovery	High	
Adsorbent quality invention	High	
Adsorbent quantity invention	High	
Adsorbent quality creation	High	
Adsorbent quantity creation	High	
Adsorbent quality development	High	
Adsorbent quantity development	High	
Adsorbent quality growth	High	
Adsorbent quantity growth	High	
Adsorbent quality expansion	High	
Adsorbent quantity expansion	High	
Adsorbent quality increase	High	
Adsorbent quantity increase	High	
Adsorbent quality improvement	High	
Adsorbent quantity improvement	High	
Adsorbent quality enhancement	High	
Adsorbent quantity enhancement	High	
Adsorbent quality optimization	High	
Adsorbent quantity optimization	High	
Adsorbent quality maximization	High	
Adsorbent quantity maximization	High	
Adsorbent quality minimization	High	
Adsorbent quantity minimization	High	
Adsorbent quality reduction	High	
Adsorbent quantity reduction	High	
Adsorbent quality decrease	High	
Adsorbent quantity decrease	High	
Adsorbent quality decline	High	
Adsorbent quantity decline	High	
Adsorbent quality drop	High	
Adsorbent quantity drop	High	
Adsorbent quality fall	High	

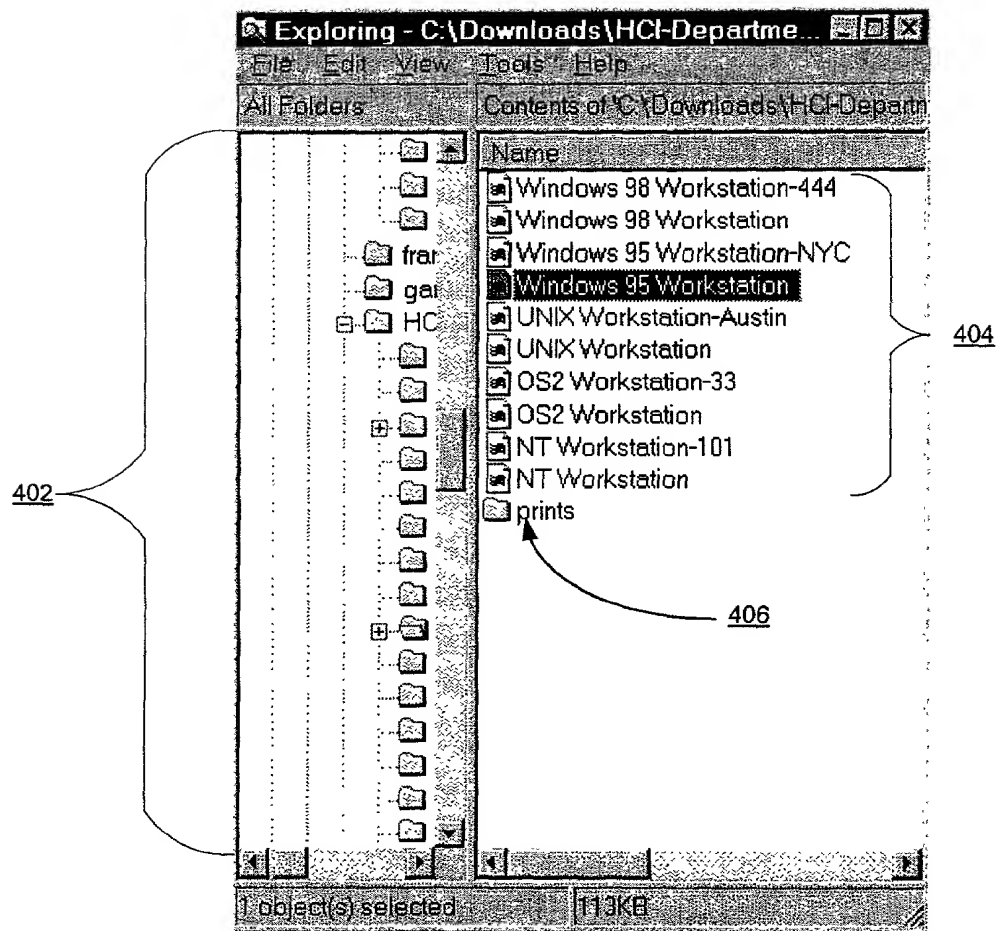


Figure 4

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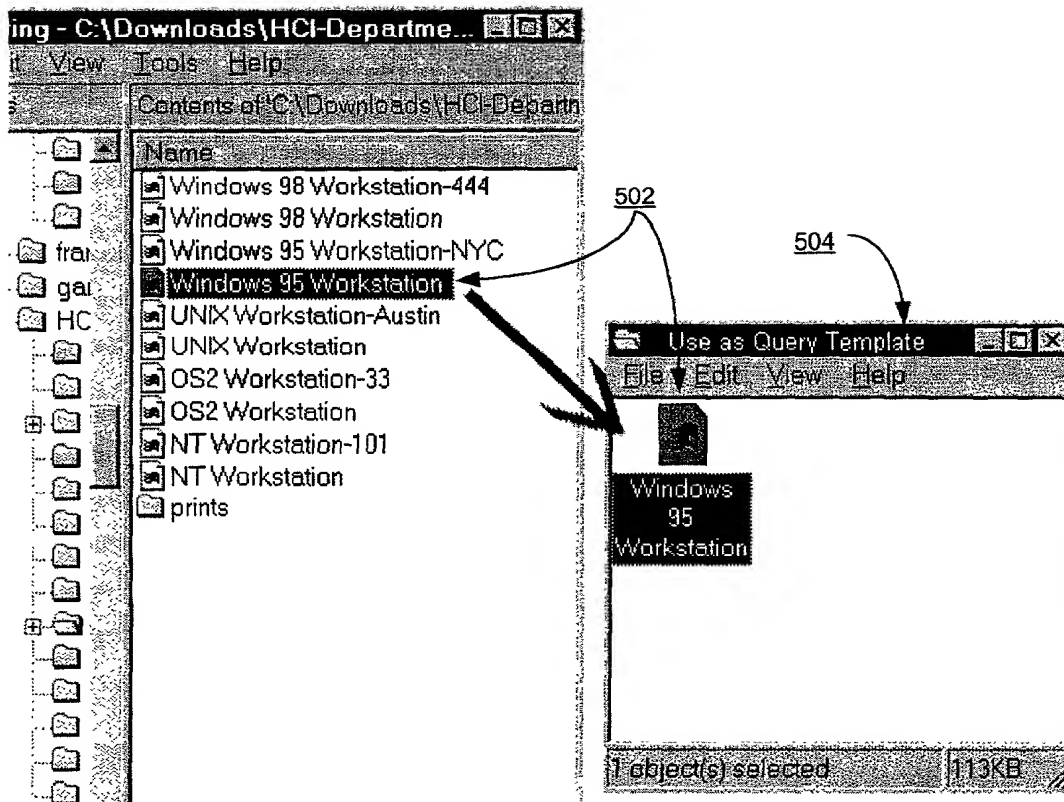


Figure 5

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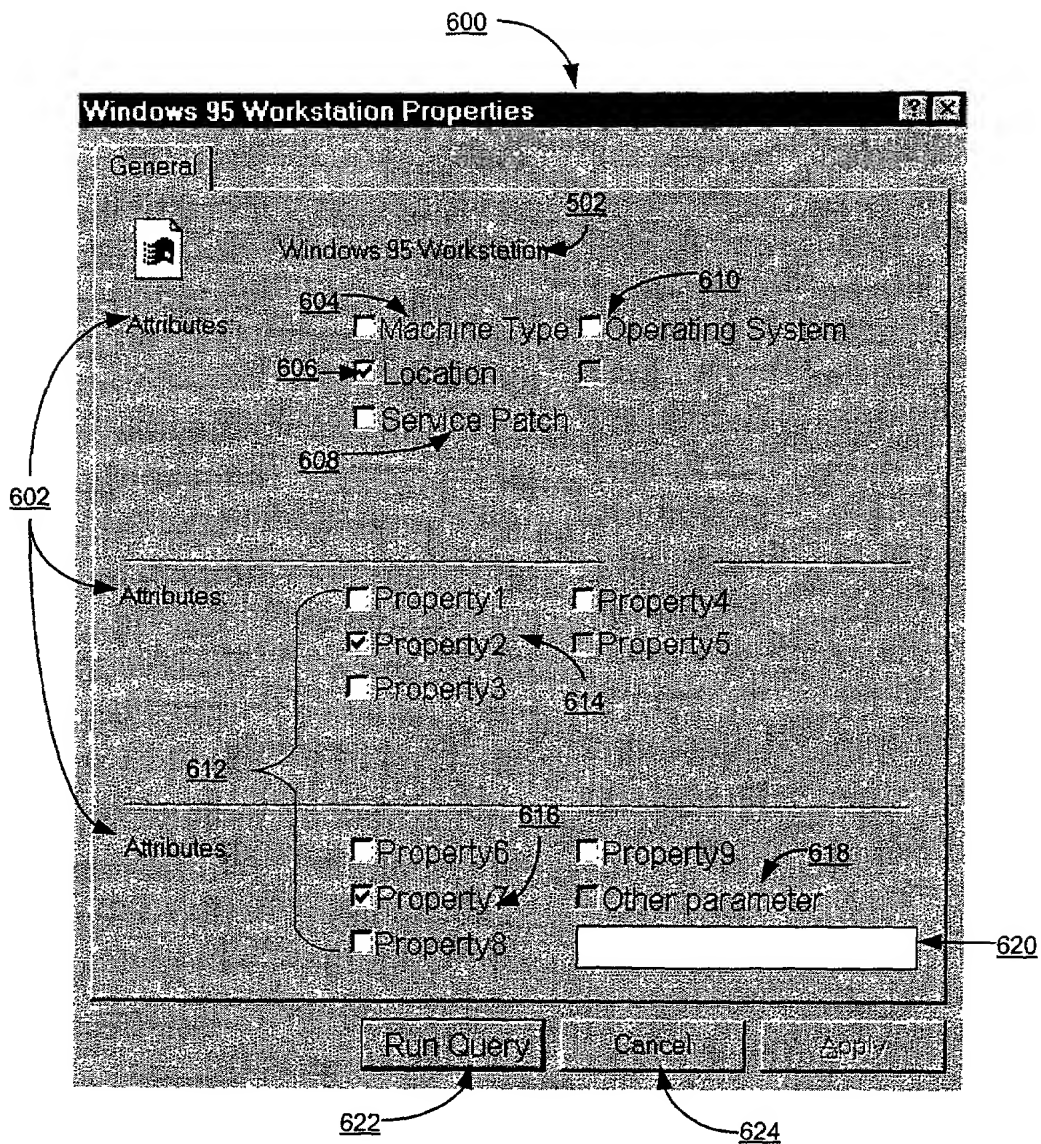


Figure 6

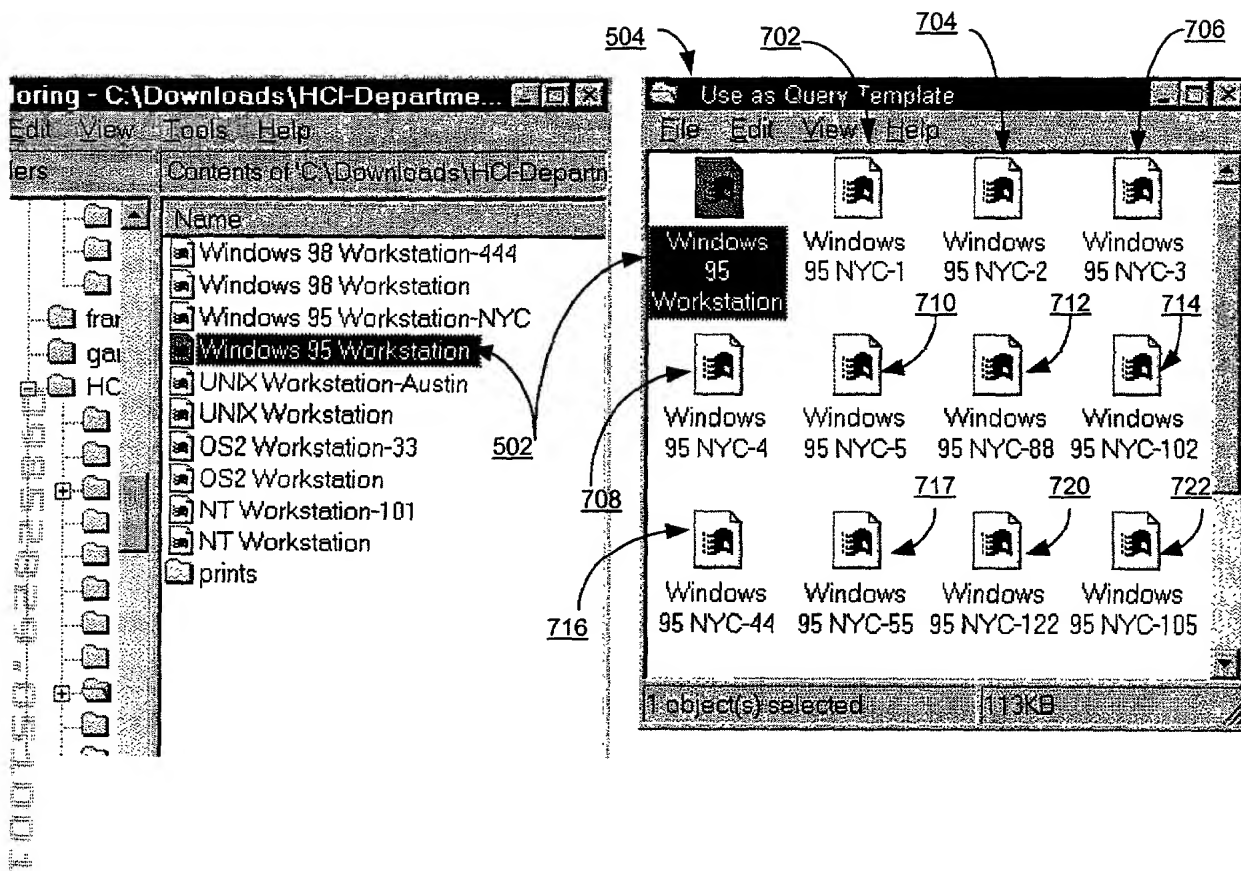


Figure 7

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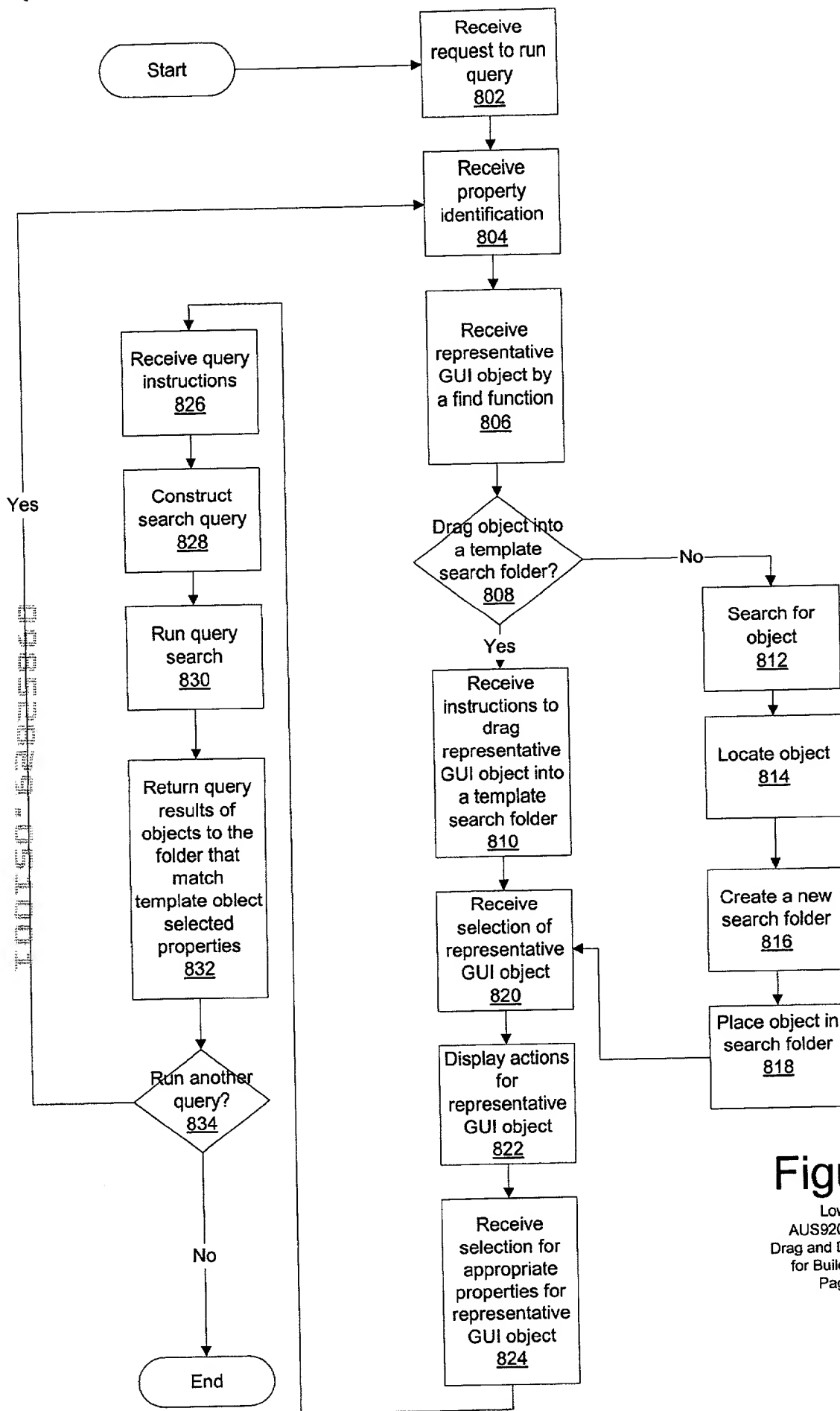


Figure 8

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